

terminal itself is not transmitted, but only the picked up image is transmitted. Such setting is performed by the reception electric field intensity transmission setting section 205 in the control section 101.

5        In the following, operation upon generation of a circuit quality alarm is described.

10       If the circuit quality during communication deteriorates lower than a prescribed value, then sound representing this is emitted from a receiver and a sounder of the sound outputting section 108 by the communication quality alarm function section 203 using a known technique.

15       An image transmitted from the portable telephone terminal upon generation of a communication quality alarm is shown as a transmission image example 302 in FIG. 3. As seen from FIG. 3, the transmission image is not the image picked up by the image pickup section 104 but a still image stored in advance in the memory section 102 and read out by the control section 101. It is to be noted that such a transmission image example 302 as described above is displayed when the user operates the 20 operation section 106 to set in advance to transmit the reception level display of the portable telephone terminal itself. However, if the user sets that the reception level display of the portable telephone terminal itself should not be transmitted, then the reception level display of the portable telephone 25 terminal itself is not transmitted, but only the picked up image is transmitted. Such setting is performed by the communication

quality alarm transmission setting section 206 in the control section 101.

A flow of the operation described above is illustrated in FIG. 5. After starting of communication by a video and an 5 audio (step 501), if a communication quality alarm is generated (YES in step 502), then if it is set in advance that an alarm image should be used as a transmission image (YES in step 503), then the control section 101 sets the alarm image in the memory 102 as the transmission image (step 504).

10 A display screen of an opposite party terminal having received an image transmitted from the portable telephone terminal described above is shown in FIG. 4. As seen from a waiting screen example 401, while the opposite party portable telephone terminal is in a waiting state, a reception level 15 display 404 of the opposite party portable telephone terminal is displayed. An example of a display when an image transmitted from the portable telephone terminal of FIG. 1, that is, the transmission image example 301 or the transmission image example 302 shown in FIG. 3, is received by and displayed on the opposite 20 party portable telephone terminal is shown as a communication screen example 402 and as a communication screen example 403 upon generation of a communication quality alarm. As seen from the communication screen example 402, also a reception electric field level 404 of the opposite party portable telephone terminal 25 is displayed in a reception image 405, and as a result, the reception electric field situation of the opposite party can

be confirmed. Further, if a communication quality alarm is generated, then since the alarm screen is received and displayed as seen from the communication screen example 403, the user can confirm through the sense of sight that there is the 5 possibility that the circuit may be disconnected.

A different transmission image may be transmitted from the portable telephone terminal and received by and displayed on the opposite party portable telephone terminal.

Referring to FIG. 6, an example of the different 10 transmission image is shown as a transmission image example 601 and includes a reception level display 603 of the portable telephone terminal itself similarly as in the transmission image example 301 shown in FIG. 3. However, the transmission image upon generation of a communication quality alarm is different 15 from the transmission image example 302. In particular, an image transmitted from the portable telephone terminal upon generation of a communication quality alarm is shown as a transmission image example 602. As seen from FIG. 6, the transmission image includes not only an image (in the example 20 of FIG. 6, an image of a person) picked up by the image pickup section 104 but also another still image stored in the memory 102, read out by the control section 101 and synthesized by the image synthesis section 204 of the control section 101.

On the other hand, on the opposite party portable telephone 25 terminal, when the opposite portable telephone terminal is in a waiting state, a reception level display 704 of the opposite